Application No.: 10/597,603

**AMENDMENTS TO THE CLAIMS** 

This listing of claims will replace all prior versions and listings of claims in the

application:

**LISTING OF CLAIMS:** 

Claims 1-3 (canceled)

4. (Currently amended) The apparatus according to claim 3, A liquid dispensing

apparatus capable of regulating a discharged amount of liquid, the apparatus comprising:

a main body having a liquid storing part formed therein and a protrusion part

communicating with the liquid storing part at a side of the main body, downwardly protruding

and having a threaded part formed therein, a support member having a liquid supply aperture

formed thereto being provided in the protrusion part;

a liquid discharge-operating member supported to be vertically movable on the support

member provided to the protrusion part of the main body and controlling a liquid inflow into the

protrusion part;

a cover fixed on an upper part of the main body to which the liquid discharge-operating

member is supported and having a hole through which a part of the liquid discharge-operating

member is protruded and an opening into which a liquid supply receptacle is inserted and fixed;

a liquid discharging member thread-engaged to be relatively movable to the threaded part

of the protrusion part, capable of changing an inner space formed with the protrusion part and

vertically moved as the liquid discharge-operating member is vertically moved, thereby

discharging the liquid to an exterior; and

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and

a lever pivotally mounted to the main body and pressing the liquid discharge-operating member protruded through the hole of the cover to be moved;

wherein the liquid discharging member comprises

a first elastic member compressively supported on the support member;
an upper opening/closing member forced upwardly by the first elastic member,
having an operating shaft formed at a lower surface thereof, downwardly protruding
through the support member in the protrusion part and fixed at a lower surface of the
support member by a fastening member, and capable of being air-tightly engaged to the

a pressing member mounted on the upper opening/closing member, having a second elastic member mounted therein, protruding through the hole of the cover and downwardly pressed by the lever to move the upper opening/closing member; wherein the upper opening/closing member comprises a push-pin protrudingly formed on

protrusion part at a connected region with the liquid storing part; and

and wherein the pressing member is formed with an air passage at a center of a top part thereof;

a top of the operating shaft thereof and a plurality of air passages at circumferences of the shaft,

wherein the liquid discharge-operating member comprises,

a pushing member arranged on the upper opening/closing member, opened upwardly and formed with an air supply aperture at a lower center thereof into which the push-pin of the upper opening/closing member is inserted and a fixing recess at a periphery of the pushing member;

an air sealing member mounted around the air supply aperture of the pushing member, inserted into the pressing member and sealing the air supply aperture by an elastic force applied from the second elastic member in the pressing member; and

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a variable member having a first fixing protrusion inserted and fixed in the fixing recess of the pushing member and a second fixing protrusion inserted and fixed in a fixing step protruding outwardly from the hole of the cover, the variable member being fixed while surrounding the pushing member and the pressing member.

5. (Original) The apparatus according to claim 4, wherein the variable member is

made of a material capable of being easily deformed by an external force, and

wherein a length between the first fixing protrusion fixed to the cover and the second fixing protrusion inserted in the pushing member is extended when the pushing member is downwardly moved as the pressing member is operated downwardly by the lever.

6. (Currently amended) The apparatus according to claim <u>14</u>, wherein the liquid

discharging member comprises,

a liquid inflow member having a space formed therein, thread-engaged with the threaded

part of the protrusion part and capable of being vertically relatively-movable to the protrusion

part, thereby regulating a volume of the protrusion part; and

a lower opening/closing member connected to the liquid discharge-operating member so

that it is operated by the liquid discharge-operating member and capable of being air-tightly

engaged to a lower part of the liquid inflow member.

7. (Currently amended) The apparatus according to claim 24, wherein the liquid

discharging member comprises,

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a liquid inflow member having a space formed therein, thread-engaged with the threaded

part of the protrusion part and capable of being vertically relatively-movable to the protrusion

part, thereby regulating a volume of the protrusion part; and

a lower opening/closing member connected to the liquid discharge-operating member so

that it is operated by the liquid discharge-operating member and capable of being air-tightly

engaged to a lower part of the liquid inflow member.

8. (canceled)

9. (Original) The apparatus according to claim 4, wherein the liquid discharging

member comprises,

a liquid inflow member having a space formed therein, thread-engaged with the threaded

part of the protrusion part and capable of being vertically relatively-movable to the protrusion

part, thereby regulating a volume of the protrusion part; and

a lower opening/closing member connected to the liquid discharge-operating member so

that it is operated by the liquid discharge-operating member and capable of being air-tightly

engaged to a lower part of the liquid inflow member.

10. (Original) The apparatus according to claim 5, wherein the liquid discharging

member comprises,

a liquid inflow member having a space formed therein, thread-engaged with the threaded

part of the protrusion part and capable of being vertically relatively-movable to the protrusion

part, thereby regulating a volume of the protrusion part; and

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a lower opening/closing member connected to the liquid discharge-operating member so

that it is operated by the liquid discharge-operating member and capable of being air-tightly

engaged to a lower part of the liquid inflow member.

11. (Original) The apparatus according to claim 9, wherein the lower opening/closing

member is thread-connected with the operating shaft of the upper opening/closing member and

moved together with the upper opening/closing member.

12. (Original) The apparatus according to claim 11, further comprising a lower cover

connected to a lower outside of the protrusion part and having an outlet discharging the liquid

flowing out between the liquid inflow member and the lower opening/closing member to an

exterior.

13. (Currently amended): The apparatus according to claim-14, wherein the liquid is

oral cleaning liquid.